

INFORMATION DISCLOSURE  
CITATION

ATTY. DOCKET NO.

3691-623

SERIAL NO.

To be Assigned

APPLICANT

STACHOWIAK

(Use several sheets if necessary)

FILING DATE

December 24, 2003

GROUP

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
GBR	6,558,800	5/2003	Stachowiak			
	6,514,620	2/2003	Lingle et al.			
	6,495,263	12/2002	Stachowiak			
	6,602,608	8/2003	Stachowiak			
	6,524,714	2/2003	Neuman et al.			
	6,589,658	7/2003	Stachowiak			
	6,586,102	7/2003	Stachowiak			
	6,605,358	8/2003	Stachowiak			
	6,475,626	11/2002	Stachowiak			
	5,521,765	5/1996	Wolfe			
	5,800,933	9/1998	Hartig et al.			
	6,014,872	1/2000	Hartig et al.			
	6,059,909	5/2000	Hartig et al.			
	6,132,881	10/2000	Hartig et al.			
	6,159,607	12/2000	Hartig et al.			
	5,942,338	8/1999	Arbab et al.			
	3,682,528	8/1972	Apfel et al.			
	5,377,045	12/1994	Wolfe et al.			
	5,188,887	2/1993	Lingle et al.			
GBR	6,475,626	11/2002	Stachowiak			

## FOREIGN PATENT DOCUMENTS

DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
GBR WO 01/21540	3/2001	WIPO			

## OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)

GBR	U.S. Patent Application Serial No. 10/310,854 filed December 6, 2002
	U.S. Patent Application Serial No. 10/246,617 filed September 19, 2002
	Technical Digest 1995, "Optical Interference Coatings", WOLFE et al., Vol. 17, pgs. 115-117
GBR	"Heat Insulating Glass Which Can be Thermally Worked", Hironobu, 05124839, 10/1991
*Examiner	<i>[Signature]</i> Date Considered 5/27/04

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

Form PTO-FB-A820 (Also PTO-1449)



Form PTO-143

# INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(Use reverse sheet if necessary)

3691-623

STRATEGY

Date Dec 24, 2003

Class and Subclass

## U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILED DATE & APPROPRIATE
GBR	4413877		Suzuki et al			
	4306220		Finley			
	4898789		Finley			
	4898790		Finley			
	5028759		Finley			
	5059295		Finley			
	5270517		Finley			
GBR	5902505		Finley			

## FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	FILED DATE & APPROPRIATE

## OTHER DOCUMENTS (Including Author, Title, Date, Patent Pages, Etc.)

GBR	Fan et al., "Transparent heat mirrors for solar-energy applications," Applied Optics, Vol. 15, No. 4, April 1976
GBR	Fan et al., "Transparent heat-mirror films of TiO <sub>2</sub> /Ac/TiO <sub>2</sub> for solar energy collection and radiation insulation," Appl. Physics Letters, Vol. 25, No. 12, December 15, 1974

EXAMINER

DATE CONSIDERED

5/27/84

EXAMINER: Initial if document considered, whether or not citation is in conformance with MPEP § 509; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

Form PTO-1443

INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION

(This form must be submitted)

3691-623

STAGEWORK

Date: December 24, 2003

Class and Div.

## U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	AUTHOR	CLASS	SUBCLASS	PUBLICATION DATE & JOURNAL
GBR	3272986	9/66	Schmidt			
	3681042	8/72	Edwards et al.			
	3798146	3/74	Chen et al.			
	3826728	7/74	Chambers et al.			
	3935351	1/76	Franz et al.			
	4166018	8/79	Chapin et al.			
	4413877	11/83	Suzuki et al.			
	4462883	7/84	Hart			
	4594137	6/86	Gillery et al.			
	4680742	7/87	Yamada et al.			
GBR	4715879	12/87	Schmitte et al.			

## FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	PUBLICATION DATE & JOURNAL
GBR 0301755	2/89	EPO			
0332717	9/89	EPO			
0386993	9/90	EPO			
0451648	7/91	EPO			
GBR 0546302	6/93	EPO			

## OTHER DOCUMENTS (Including Author, Title, Date, Page No., etc.)

GBR	AIRCO Super-E Coating Process Release
GBR	AIRCO Super-E IV Technology Process Release, P. 1-25
GBR	1991 Proposed ASTM Standard Test Method for Measuring and Calculating
GBR	Estimate of Architectural Flat Glass Products Using Radiometric Measurements

EXAMINER

DATE DISCLOSED

EXAMINER: Indicate if document is considered to be material to the invention. If not, indicate why it is not material. Indicate any of this form with your communication to the applicant.

IN- 5-17

Form PTO-143		INFORMATION DISCLOSURE CITATION IN AN APPLICATION		369L-623		STAGECUTLAR		Filed Dec 24, 2003	
U.S. PATENT DOCUMENTS									
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	AUTHOR	CLASS	CLASS	CLASS	CLASS	CLASS	CLASS
ORR	4769291	9/88	Belkind et al						
	4780370	10/88	Tracy et al						
	4790922	12/88	Huffer						
	4816034	3/89	Bhatt et al						
	4826525	5/89	Chesworth et al						
	4857094	8/89	Groth et al						
	4948482	5/90	Kabayashi et al						
	4954232	9/90	Yamada et al						
	4960645	10/90	Lingle et al						
	5016293	11/91	Komuro						
ORR	5182887	2/93	Lingle et al						
FOREIGN PATENT DOCUMENTS									
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	CLASS	CLASS	CLASS	CLASS	CLASS
ORR	0546470	6/93	EPO						
	0567735	11/93	EPO						
	0622645	11/94	EPO						
	0711701	4/96	EPO						
ORR	0712291	3/96	EPO						
OTHER DOCUMENTS (Including Author, Title, Date, Patent, Paper, Etc.)									
ORR	ASTM Designation: E 434-71 "Standard Test Methods for Solar Energy Transmittance and Reflectance (Terrestrial) of Sheet Materials."								
ORR	"Principles of Design of Architectural Coatings", Applied Optics Vol. 22, No. 24, December 15, 1983.								
ORR	"Performance and Sputtering Criteria of Modern Architectural Glass Coatings"								
ORR	SPIE Vol. 325, Optical Thin Films (1990).								
EXAMINER				5/27/87					
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Form PTO-443		INFORMATION DISCLOSURE CITATION IN AN APPLICATION		3641-623		STACEOWEAR		December 24, 1993		Class. Office	
U. S. PATENT DOCUMENTS											
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	RECLASS	FILING DATE IF APPROPRIATE					
GBR	52291194	7/93	Lingle et al.								
	5242560	9/93	Lingle et al.								
	53441718	9/94	Hartig et al.								
	5376455	12/94	Hartig et al.								
	5377045	12/94	Wolfe et al.								
	5403458	4/95	Hartig et al.								
	5514476	5/96	Hartig et al.								
	5543229	8/96	Ohseki et al.								
	5563734	10/96	Wolfe et al.								
	5688585	11/97	Lingle et al.								
GBR	5770321	6/98	Hartig et al.								
FOREIGN PATENT DOCUMENTS											
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	RECLASS	FILING DATE IF APPROPRIATE					
GBR	07471329	12/96	EPO								
	9002653	3/90	WO								
	901054139	5/90	WO								
	90108334	7/90	WO								
	951131189	5/95	WO								
OTHER DOCUMENTS (Including Author, Title, Date, Filing Office, etc.)											
GBR	EP Search Report, EP 96 10 4113										
EXAMINER				DATE RECEIVED							
<i>[Signature]</i>				3/27/84							
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